

January 7, 2014



U.S. Department
of Transportation

East Building, PHH-30
1200 New Jersey Avenue S.E.
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 14618
(FIFTH REVISION)

EXPIRATION DATE: December 31, 2017

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Carrier Transicold
Athens, GA
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the manufacture, marking, sale, and use of the temperature controlled equipment (Solara System cargo heaters) described in Paragraph 7 for use in motor vehicles engaged in the transportation in commerce of Class 3 liquids or Division 2.1 gases, subject to the limitations and requirements specified herein. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
 - b. The safety analyses performed in the development of this special permit only considered the hazards and risks associated with the transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.203(a) in that the marking of special permit number on shipping papers is waived, and § 177.834(1)(2)(i), in that use of a cargo heater that has a maximum surface temperature in excess of 54°C is not authorized, except as specified herein.
5. BASIS: This special permit is based on the application of Carrier Transicold dated November 25, 2013 submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Flammable liquids authorized by the HMR	3	Various	I, II or III
Flammable gases authorized by the HMR	2.1	Various	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Materials in the classes identified above, properly packaged in accordance with the HMR, may be shipped by highway vehicles equipped with the diesel-operated heating equipment described in the technical specifications on file with the Office of Hazardous Materials Special Permits and Approvals (OHMSPA).

b. OPERATIONAL CONTROLS - Any electrical equipment in the lading space must be of non-sparking or explosion proof type. There must be no combustion equipment in the lading space, and no arrangement for the return of air from the lading space to any combustion equipment. The heating system (including a required thermostatically controlled blower and radiator) must be such that no part of the lading will be heated to over 130°F and must conform to § 393.77. The heater unit and its fuel supply must be externally mounted on the truck or trailer, must retain combustion in a sealed combustion chamber, must utilize outside air for combustion (air from the cargo space cannot be used for combustion) and gases from combustion must be exhausted to the outside of the truck or trailer.

c. MARKING - Each Solara System cargo heater unit manufactured under the authority of this special permit must be marked with the Carrier Transicold 10-digit serial number which includes the product code, plant code and date code of manufacture in addition to the sequential unit number. This information must be on a metal tag or decal attached to the unit and also marked "DOT-SP 14618" and "Carrier Transicold, Athens, GA."

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8. SPECIAL PROVISIONS:

a. In accordance with the provisions of Paragraph (b) of § 173.22a, persons may use the temperature controlled equipment authorized by this special permit for the transportation of the hazardous materials specified in paragraph 6, only in conformance with the terms of this special permit.

b. A person who is not a holder of this special permit who receives a packaging covered by this special permit may reoffer it for transportation provided no modification or change is made to the packaging and it is reoffered for transportation in conformance with this special permit and the HMR.

c. A current copy of this special permit must be maintained at each manufacturing facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight and cargo vessel.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel and motor vehicle used to transport packages covered by this special permit.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

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Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)—"The Hazardous Materials Safety and Security Reauthorization Act of 2005" (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term "exemption" to "special permit" and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 Immediate notice of certain hazardous materials incidents, and 171.16 Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, U.S. Department of Transportation, East Building PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

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Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm. Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

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